16. Attach as an Exhibit a map *(Sectional Aeronautical Chart or equivalent)* which shows clearly, legibly and accurately, and with the original printed latitude and longitude markings and a scale of distance in kilometers:

Exhibit No. VI

(a) The proposed transmitter location, and the radials along which profile graphs have been prepared;
(b) The City Grade, Grade A and Grade B predicted contours; and
(c) The legal boundaries of the principal community to be served.

17. Specify area in square kilometers (1 sq. mi. = 2.59 sq. km.) and population *(latest census)* within the predicted Grade B contour.

Area 9852 sq. km. (Polar planimeter) Population 154775 (1980 Census; US Dept of Commerce MARF data)

18. For an application involving an auxiliary facility only, attach as an Exhibit a map *(Sectional Aeronautical Chart or equivalent)* that shows clearly, legibly, and accurately, and with latitude and longitude markings and a scale of distance in kilometers:

Exhibit No. DNA

(a) The proposed auxiliary Grade B contour; and
(b) The Grade B contour of the licensed main facility for which the applied-for facility will be the auxiliary.

(Main facility license file number _____)

19. Terrain and Coverage Data *(To be calculated in accordance with 47 C.F.R. Section 73.686.)*

Source of terrain data: *(check only one box below)*

[X] Linearly interpolated 30-second database (Source: NGDC)

[ ] 7.5 minute topographic map

[ ] Other *(briefly summarize)*

Radial bearing (degrees True)	Height of radiation center above average elevation of radial from 3 to 16 km (meters)	Predicted Distances: To the City Grade Contour (kilometers)	To the Grade A Contour (kilometers)	To the Grade B Contour (kilometers)
* 198 °T				
0				
45				
90				
135		SEE EXHIBIT VII		
180				
225				
270				
315				

*Radial through principal community, if not one of the major radials. This radial should NOT be included in calculation of HAAT.

20. Environmental Statement *(See 47 C.F.R. Section 1.1301 et seq.)*

Would a Commission grant of this application come within 47 C.F.R. Section 1.1307, such that it may have a significant environmental impact? ☐ Yes ☒ No

If you answer Yes, submit as an Exhibit an Environmental Assessment required by 47 C.F.R. Section 1.1311. Exhibit No.

If No, explain briefly why not.

Proposed site authorized for WPFM; RFR for FM and for television frequency within ANSI guidelines per OST Bulletin No 65.

CERTIFICATION

I certify that I have prepared this Section of this application on behalf of the applicant, and that after such preparation, I have examined the foregoing and found it to be accurate and true to the best of my knowledge and belief.

Name *(Typed or Printed)*	Relationship to Applicant *(e.g., Consulting Engineer)*
Dwight R. Magnuson	Consulting Engineer
Signature D.R. Magnuson	Address *(Include ZIP Code)* P.O. Box 2761 30 Market Square Mall Knoxville, TN 37901
Date June 7, 1991	Telephone No. *(Include Area Code)* (615) 525-6358

EXHIBIT I

7233 ☆U.S. GOVERNMENT PRINTING OFFICE: 1987—761-910

DO NOT REMOVE CARBONS

Form Approved OMB No. 2120-0001

US Department of Transportation
Federal Aviation Administration

NOTICE OF PROPOSED CONSTRUCTION OR ALTERATION

Aeronautical Study Number

1. Nature of Proposal

A. Type: ☐ New Construction ☒ Alteration

B. Class: ☒ Permanent ☐ Temporary (Duration _____ months)

C. Work Schedule Dates: Beginning upon FCC grant; End _____

2. Complete Description of Structure

A. Include effective radiated power and assigned frequency of all existing, proposed or modified AM, FM, or TV broadcast stations utilizing this structure.

B. Include size and configuration of power transmission lines and their supporting towers in the vicinity of FAA facilities and public airports.

C. Include information showing site orientation, dimensions, and construction materials of the proposed structure.

Modification of:
NO. 87-ASO-453-OE

Addition of TV antenna
Bogner B24UG oriented with
major lobes facing 135°T
and 285°T. Antenna C-L
located 900' AGL (970'AMSL)
Maximum ERP=2385 kw;
Frequency=662-668 MHz

(if more space is required, continue on a separate sheet.)

3A. Name and address of individual, company, corporation, etc. proposing the construction or alteration. *(Number, Street, City, State and Zip Code)*

(404) 262-7511
area code Telephone Number

Donald L. Jones
3017 Piedmont Road, NE
Suite 200
Atlanta, GA 30305

B. Name, address and telephone number of proponent's representative if different than 3 above.

Dwight R. Magnuson, P.E.
P.O. Box 2761
30 Market Square Mall
Knoxville, TN 37901

4. Location of Structure

A. Coordinates *(To nearest second)*
30° 25' 20" Latitude
85° 42' 14" Longitude

B. Nearest City or Town, and State: Crystal Lake, FL

(1) Distance to 4B: 2 Miles

(2) Direction to 4B: S

C. Name of nearest airport, heliport, flightpark, or seaplane base: Court Marshall Ranch

(1) Distance from structure to nearest point of nearest runway: 2½ SM

(2) Direction from structure to airport: WSW

5. Height and Elevation *(Complete to the nearest foot)*

A. Elevation of site above mean sea level: 70

B. Height of Structure including all appurtenances and lighting *(if any)* above ground, or water if so situated: 1019**

C. Overall height above mean sea level *(A + B)*: 1089**

D. Description of location of site with respect to highways, streets, airports, prominent terrain features, existing structures, etc. Attach a U.S. Geological Survey quadrangle map or equivalent showing the relationship of construction site to nearest airport(s) *(if more space is required, continue on a separate sheet of paper and attach to this notice.)*

** Heights will not change --
Same location as 87-ASO-453-OE

Notice is required by Part 77 of the Federal Aviation Regulations (14 C.F.R. Part 77) pursuant to Section 1101 of the Federal Aviation Act of 1958, as amended (49 U.S.C. 1101). Persons who knowingly and willingly violate the Notice requirements of Part 77 are subject to a fine (criminal penalty) of not more than $500 for the first offense and not more than $2,000 for subsequent offenses, pursuant to Section 902(a) of the Federal Aviation Act of 1958, as amended (49 U.S.C. 1472(a)).

I HEREBY CERTIFY that all of the above statements made by me are true, complete, and correct to the best of my knowledge. In addition, I agree to obstruction mark and/or light the structure in accordance with established marking & lighting standards if necessary.

Date	Typed Name/Title of Person Filing Notice	Signature
10/25/90	Dwight R. Magnuson, P.E.	D. R. Magnuson

FOR FAA USE ONLY

[redacted]

U.S. Department of Transportation
Federal Aviation Administration

Southern Region

P. O. Box 20636
Atlanta, Georgia 30320

ACKNOWLEDGEMENT OF NOTICE OF PROPOSED CONSTRUCTION OR ALTERATION

CITY	STATE	LATITUDE/LONGITUDE	MSL	AGL	AMSL
CRYSTAL LAKE	FL	30-25-20.00 085-42-14.00	70	1019	1089

DONALD L. JONES
SUITE 200
3017 PIEDMONT RD., N.E.
ATLANTA, GA 30305

AERONAUTICAL STUDY
No: 90-ASO-2131-OE

Type Structure: ANTENNA TOWER 662-668MHZ/2.38MW - SIDEMOUNT - NO INCREASE

The Federal Aviation Administration hereby acknowledges receipt of notice dated 10/25/90 concerning the proposed construction or alteration contained herein.

A study has been conducted under the provisions of Part 77 of the Federal Aviation Regulations to determine whether the proposed construction would be an obstruction to air navigation, whether it should be marked and lighted to enhance safety in air navigation, and whether supplemental notice of start and completion of construction is required to permit timely charting and notification to airmen. The findings of that study are as follows:

The proposed construction would not exceed FAA obstruction standards and would not be a hazard to air navigation. However, the following applies to the construction proposed:

The structure should be obstruction marked and lighted per FAA Advisory Circular AC 70/7460-1, 'Obstruction Marking and Lighting'. CHAPTERS: [redacted] [X]-4 [redacted] [X]-6 []-7 []-8 [X]-9.
HIGH INTENSITY WHITE
Supplemental notice is required at least 10 days before the start of construction and within five days after construction reaches its greatest height (use the enclosed FAA form).

This determination expires on 09/06/91 unless application is made, (if subject to the licensing authority of the Federal Communications Commission), to the FCC before that date, or it is otherwise extended, revised or terminated.

If the structure is subject to the licensing authority of the FCC, a copy of this acknowledgement will be sent to that Agency.

NOTICE IS REQUIRED ANYTIME THE PROJECT IS ABANDONED OR THE PROPOSAL IS MODIFIED

SIGNED Ronald T. Niklasson Specialist, Systems Management Branch
Ronald T. Niklasson (404) 763-7646.
ISSUED IN: East Point, Georgia ON 03/07/91

US Department of Transportation
Federal Aviation Administration

SOUTHERN REGION
Attn: ASO-532
P. O. Box 20636
Atlanta, Georgia 30320
404-763-7646

IN REPLY REFER TO
AERONAUTICAL STUDY NO. 87-ASO-453-OE

DETERMINATION OF NO HAZARD TO AIR NAVIGATION

SPONSOR	Culpepper Communications, Inc. P. O. Box 1430 Panama City, Florida 32401	CONSTRUCTION LOCATION PLACE NAME Crystal Lake, Florida	
		LATITUDE 30°25'20"	LONGITUDE 85°42'14"
CONSTRUCTION PROPOSED	DESCRIPTION FM Antenna Tower (CH 300; 107.9 MHZ; 100 KW ERP)	HEIGHT (IN FEET) ABOVE GROUND 1019	ABOVE MSL 1089

An aeronautical study of the proposed construction described above has been completed under the provisions of Part 77 of the Federal Aviation Regulations. Based on the study it is found that the construction would have no substantial adverse effect on the safe and efficient utilization of the navigable airspace by aircraft or on the operation of air navigation facilities. Therefore, pursuant to the authority delegated to me, it is hereby determined that the construction would not be a hazard to air navigation provided the following conditions are met:

Conditions:

The structure should be obstruction marked and lighted in accordance with the standards of the FAA Obstruction Marking and Lighting Advisory Circular 70/7460-1G, Chapters 4, 6 & 9.

Supplemental notice of construction is required any time the project is abandoned (use the enclosed FAA form), or

- ☒ At least 48 hours before the start of construction (use the enclosed FAA form).
- ☒ Within five days after the construction reaches its greatest height (use the enclosed FAA form)

This determination expires on September 30, 1988 unless:

(a) extended, revised or terminated by the issuing office;
(b) the construction is subject to the licensing authority of the Federal Communications Commission and an application for a construction permit is made to the FCC on or before the above expiration date. In such case the determination expires on the date prescribed by the FCC for completion of construction, or on the date the FCC denies the application.

NOTE: Request for extension of the effective period of this determination must be postmarked or delivered to the issuing office at least 15 days prior to the expiration date.

This determination is subject to review if an interested party files a petition on or before March 20, 1988. In the event a petition for review is filed, it should be submitted in triplicate to the Manager, Flight Information and Obstructions Branch, AAT-210, Federal Aviation Administration, Washington, D.C. 20591 and contain a full statement of the basis upon which it is made.

This determination becomes final on March 30, 1988 unless a petition for review is timely filed, in which case the determination will not become final pending disposition of the petition. Interested parties will be notified of the grant of any review.

An account of the study findings, aeronautical objections, if any, registered with the FAA during the study, and the basis for the FAA's decision in this matter will be found on the following page(s).

If the structure is subject to the licensing authority of the FCC, a copy of this determination will be sent to that Agency.

This determination, issued in accordance with FAA Part 77, concerns the effect of this proposal on the safe and efficient use of the navigable airspace by aircraft and does not relieve the sponsor of any compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

Distribution: ZAT-03

SIGNED Earnest Joyce TITLE Airspace Specialist
EARNEST JOYCE Airspace and Procedures Branch
ISSUED IN East Point, Georgia ON February 19, 1988

The proposed tower would be located approximately 12.80 nautical miles north of Panama City Bay County Airport, Panama City, Florida. It would exceed the standards for determining obstructions to air navigation set forth in Part 77, Subpart C, of the Federal Aviation Regulations as follows:

77.23(a)(1) by 519 feet, height in excess of 500 feet AGL.

77.23(a)(3) by 500 feet, Tyndall AFB Radar Minimum Vectoring Altitude (MVA) would increase from 1,600 to 2,100 feet AMSL.

Details of the proposal were circularized to the aeronautical public for comment and the following organizations commented or objected:

United States Air Force
Florida Department of Transportation
Air Transport Association of America (ATA)

Comments and objections may be summarized as follows:

The proposal would be located adjacent to State Highway 20 which is used for VFR navigation. The increase in MVA to 2,100 feet would adversely affect IFR and VFR operations of Panama City Bay County and Tyndall AFB.

For an object to have adverse effect on VFR en route air navigation, it must exceed 500 feet AGL and be located within two statute miles of a regularly used VFR route identifiable by well defined natural or man-made landmarks or specific VOR radials. The study disclosed the proposed structure would be located within two statute miles of State Highway 20. The study did not disclose a significant volume of traffic would be affected by the proposal.

The study also revealed the tower would require increasing the Tyndall AFB Radar MVA from 1,600 to 2,100 feet AMSL within a three-nautical-mile radius of the tower. The increase in MVA can be accommodated without substantial adverse effect to IFR or VFR aeronautical operations.

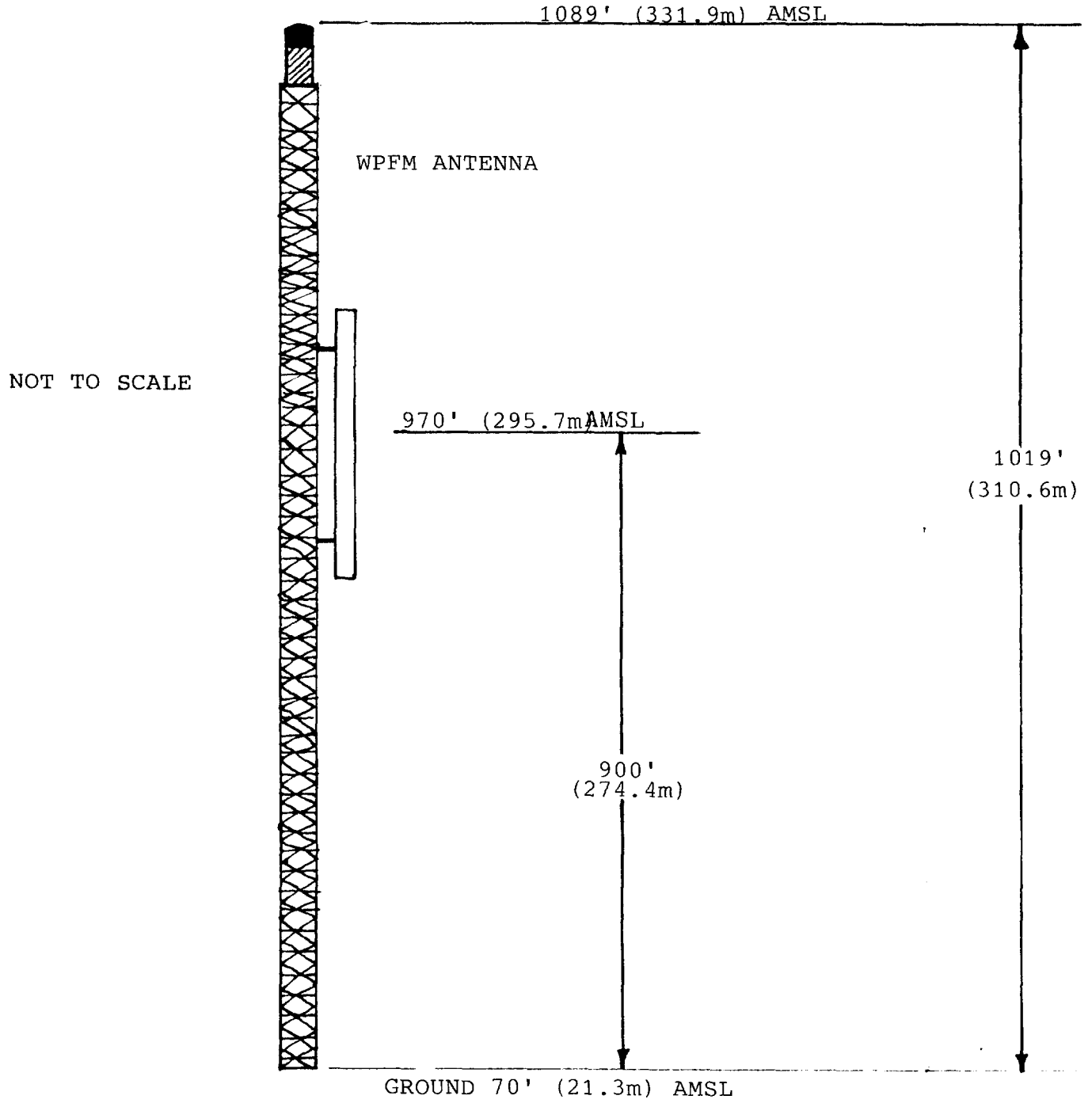
In consideration of VFR aircraft traffic in the vicinity of the proposed tower, it is imperative that the tower have a greater form of conspicuity than that provided by standard marking and lighting in order to provide an adequate level of safety. The sponsor has agreed to utilize high intensity white obstruction lights on the structure to enhance the conspicuity of the tower in all weather conditions.

The aeronautical study disclosed that the proposed tower would not have substantial adverse effects upon existing or proposed IFR or VFR aeronautical operations and, therefore, would not be a hazard to air navigation.

EXHIBIT II

DWIGHT R. MAGNUSON, P.E.
Consulting Engineer

NOTE: HEIGHTS AUTHORIZED BY 87-ASO-453-OE



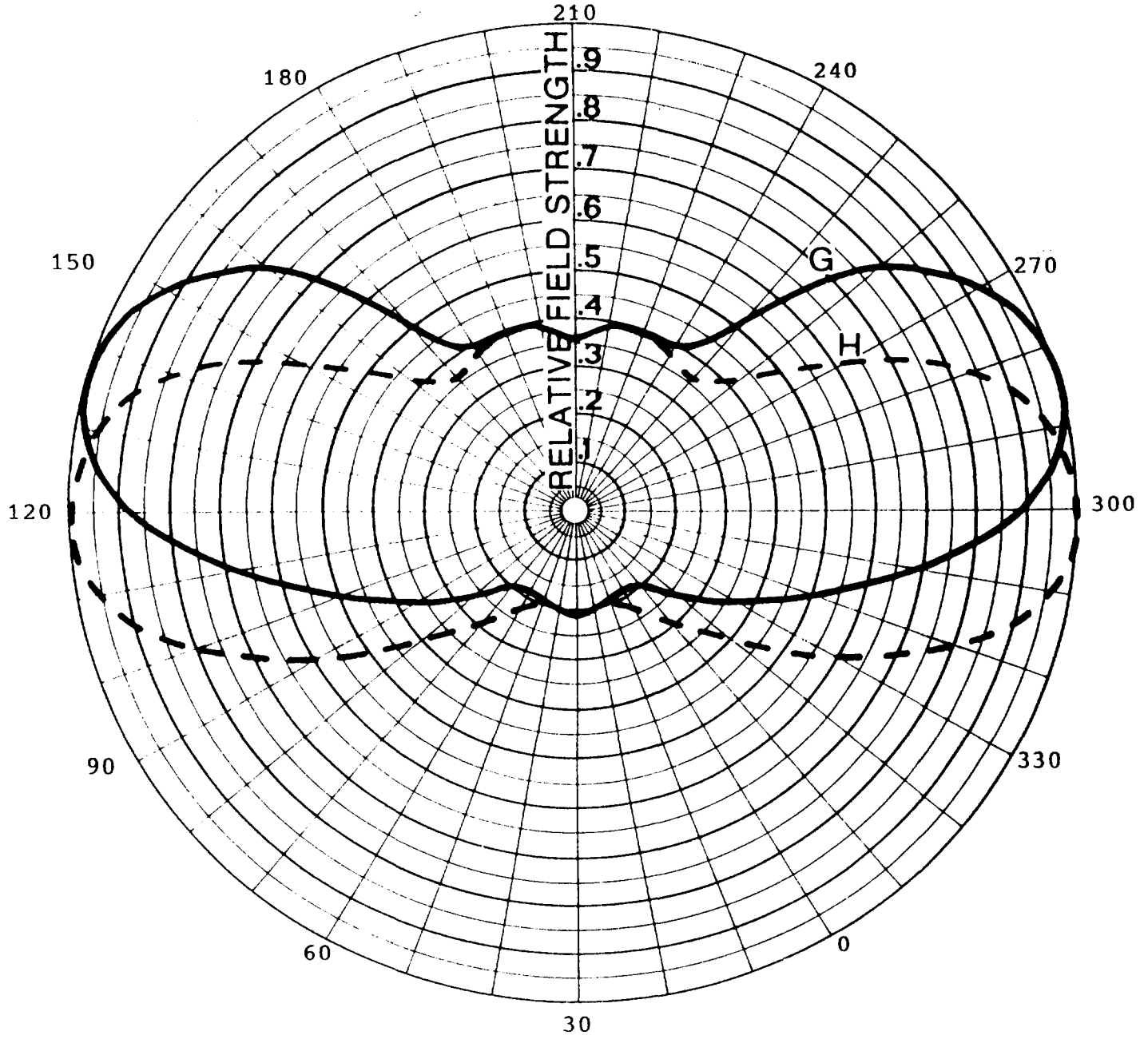
P.O. Box 2761 • 30 Market Square • Knoxville, Tennessee 37901 • 615 525 6358

BOGNER
ANTENNAS

HORIZONTAL PLANE PATTERN

PATTERNS G & H ·
TWO 45° SECTORS COVERAGE
LOW AND MEDIUM POWER
ANTENNAS · CATALOG 301

EXHIBIT III



Bogner Broadcast Equipment Corp.
401 Railroad Avenue, Westbury, N.Y. 11590
Tel: (516) 997-7800

Bogner Broadcast Equipment Corp.
401 Railroad Avenue, Westbury, N.Y. 11590
Tel. (516) 997-7800

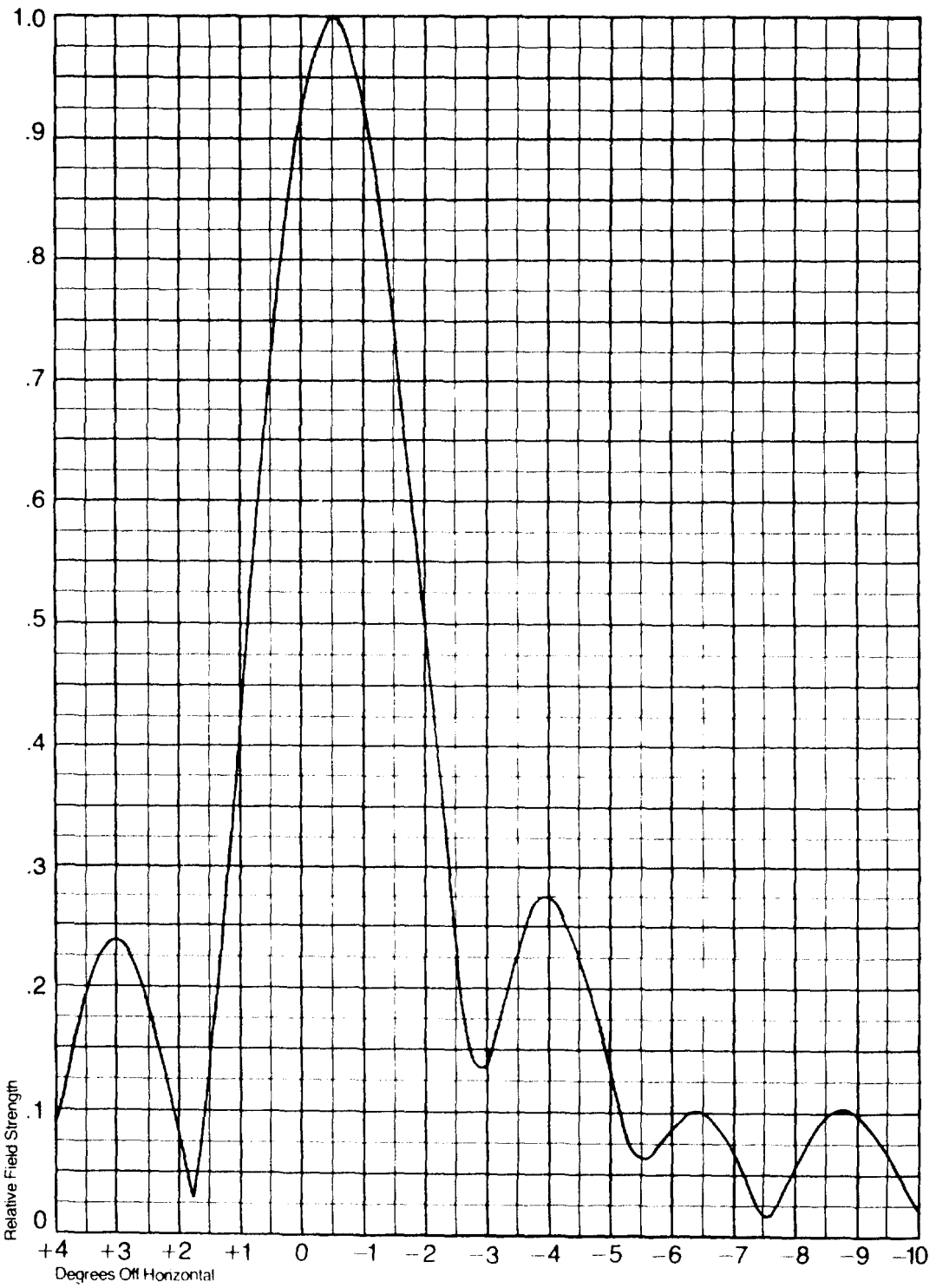
BOGNER

UHF high power antennas
B series, catalog 201

Calculated vertical plane pattern

Model BU( )24

Power Gain: 26.5 (14.2 dB)
Hor. Gain: 22.5 (13.5 dB)
½° Electrical Beam tilt



BOGNER

RELATIVE FIELD STRENGTHS

FOR STANDARD LPTV, TRANSLATOR AND MDS/MMDS/ITFS HORIZONTAL PLANE PATTERNS

ANGLE	A	B	C	D	E	F	G	H	Q	R	S	T	LPS
0	1.00	1.00	1.00	1.00	.38	.25	.36	.36	1.00	1.00	1.00	1.00	1.00
±10	.98	.98	.96	.95	.44	.27	.39	.39	.98	.98	.96	.97	.99
±20	.96	.95	.92	.79	.66	.37	.39	.39	.95	.98	.97	.88	.98
±30	.93	.96	.82	.50	.86	.56	.40	.38	.92	1.00	.99	.76	.94
±40	.93	.98	.66	.29	.98	.79	.51	.36	.91	.99	.89	.60	.90
±50	.94	.97	.50	.22	.98	.95	.79	.43	.95	.97	.69	.46	.86
±60	.97	.89	.35	.21	.92	1.00	.93	.62	.99	.89	.40	.25	.80
±70	.99	.72	.27	.23	.81	.96	.99	.83	1.00	.82	.15	.06	.74
±80	.98	.52	.22	.26	.67	.86	.98	.96	.97	.71	<.03	<.03	.68
±90	.95	.33	.19	.27	.52	.73	.89	1.00	.90	.60	<.03	<.03	.62
±100	.87	.24	.18	.26	.38	.56	.69	.96	.76	.40	<.03	<.03	.58
±110	.77	.24	.18	.25	.27	.35	.51	.80	.59	.23	<.03	<.03	.56
±120	.63	.23	.19	.22	.20	.23	.37	.60	.30	.08	<.03	<.03	.54
±130	.47	.21	.21	.21	.18	.19	.27	.40	.14	.07	<.03	<.03	.54
±140	.35	.20	.23	.21	.18	.18	.20	.29	.09	.06	<.03	<.03	.54
±150	.23	.21	.26	.23	.20	.20	.18	.23	.08	.05	<.03	<.03	.55
±160	.21	.22	.27	.24	.22	.22	.19	.20	.09	.05	<.03	<.03	.56
±170	.22	.24	.28	.24	.25	.25	.20	.20	.09	.04	<.03	<.03	.56
180	.23	.25	.29	.24	.28	.28	.21	.21	.10	.03	<.03	<.03	.56

Letters in column heading refer to letter designation of standard Bogner horizontal patterns in Catalog 301B and 303.

SW/ch

EXHIBIT IV

WAIVER REQUEST: SECTION 73.610

Donald L. Jones, applicant for television channel 46 serving Panama City Beach, Florida requests a waiver of Section 73.610, Minimum distance separations between stations, of the FCC Rules and Regulations.

Specifically, Mr. Jones seeks to utilize a 1019' (310.6m) tower structure proposed by Culpepper Communications Inc., licensee of WPFM serving Panama City, Florida. Culpepper has obtained a Determination of No Air Hazard (FAA study no. 87-ASO-453-OE) from the Southern Regional Office (see Exhibit I).

This structure is the only tower available to the applicant capable of supporting the channel 46 UHF antenna without seriously short-spacing other television broadcast facilities or television channel allocations afforded protection under section 73.610 with sufficient height to provide complete coverage to the community of license.

This proposal is short-spaced by 2.0 kilometers to the FCC reference points for channel 39 and channel 60, reserved for non-commercial television broadcast serving Dothan, Alabama. Marcum Broadcasting Corporation, however, has a construction permit for channel 60 (WRKJ; File No. BPCT-890623KH) which is 5.8 kilometers clear of the proposed Panama City Beach, Florida antenna site (see attachments A-D).

A study of the Dothan, Alabama vicinity for channel 39 reveals that adequate space exists north of its reference point to accommodate the proposed Panama City Beach, Florida channel 46 short-spacing without short-spacing other television allocations (see attachment E). Additionally, a transmitter operating from this location would be able to provide a city-grade signal across Dothan, Alabama per section 73.685.

In summary, the public interest would be served by waiving the 2 km short-spacings to channels 39 and 60 discussed above to allow the applicant to utilize an authorized tower structure.

ATTACHMENT A

****** TV CHANNEL SPACING STUDY ******

Job title: Panama City Beach, FL
Channel: 46
Database file name: d:\fccdata\tv910325.edx

Latitude: 30 25 20
Longitude: 85 42 14

CH	Call	Record No.	City	ST	Z	STS	Bear.	Dist.	Reqd. Dist.	Result
46o	ALLOTM	3150	PANAMA CITY BEACH	FL	3		199.7	28.7	329.0	-300.3
51o	ALLOTM	3151	MARIANNA	FL	3		49.4	60.1	31.4	28.7
39+	ALLOTM	3157	DOTHAN	AL	3		18.3	93.7	95.7	-2.0
60-	ALLOTM	3160	DOTHAN	AL	3		18.5	93.7	95.7	-2.0
0-	WRKJ	3161	DOTHAN	AL	3	C	24.5	101.5	95.7	5.8
53o	WPAN	3307	FORT WALTON BEACH	FL	3	L	269.3	123.9	95.7	28.2

****** End of channel 46 study ******

ATTACHMENT B

Call: ALLOTM
Channel: 39+
City: DOTHAN
State: AL
Status:
Service class: TA

Latitude: N 31 13 27.0
Longitude: W 85 23 35.0
Country: A
Zone: 3
File No.:
Type: EDUCATIONAL

Applicant or Licensee:
Docket Number:
Date of the last update: 750918 Application cutoff date: 0

Maximum effective radiated power: .0000 kW
Maximum height above average terrain: .0 meters
Antenna radiation center elevation (AMSL): .0 meters
Polarization: Directional antenna? Beam tilt?
Antenna make: Antenna type:

Is this assignment close to an international border:
Is this assignment used in another city?
Comment:

Press ENTER to return to the previous screen.

ATTACHMENT C

Call: ALLOTM
Channel: 60-
City: DOTHAN
State: AL
Status:
Service class: TA

Latitude: N 31 13 23.0
Longitude: W 85 23 26.0
Country: A
Zone: 3
File No.:
Type: COMMERCIAL

Applicant or Licensee:
Docket Number:
Date of the last update: 851127 Application cutoff date: 0

Maximum effective radiated power: .0000 kW
Maximum height above average terrain: .0 meters
Antenna radiation center elevation (AMSL): .0 meters
Polarization: Directional antenna? Beam tilt?
Antenna make: Antenna type:

Is this assignment close to an international border:
Is this assignment used in another city?
Comment:

Press ENTER to return to the previous screen.

ATTACHMENT D

Call: WRKJ
Channel: 60-
City: DOTHAN
State: AL
Status: C
Service class: TV

Latitude: N 31 15 16.0
Longitude: W 85 15 39.0
Country: A
Zone: 3
File No.: BPCT890623KH
Type: COMMERCIAL

Applicant or Licensee: MARCUM BROADCASTING CORPORATION
Docket Number:
te of the last update: 900406 Application cutoff date: 0

Maximum effective radiated power: 1510.0000 kW
Maximum height above average terrain: 390.0 meters
Antenna radiation center elevation (AMSL): 453.0 meters
Polarization: H Directional antenna? N Beam tilt? Y
Antenna make: Antenna type:

Is this assignment close to an international border:
Is this assignment used in another city?
Comment:

Press ENTER to return to the previous screen.

ATTACHMENT E

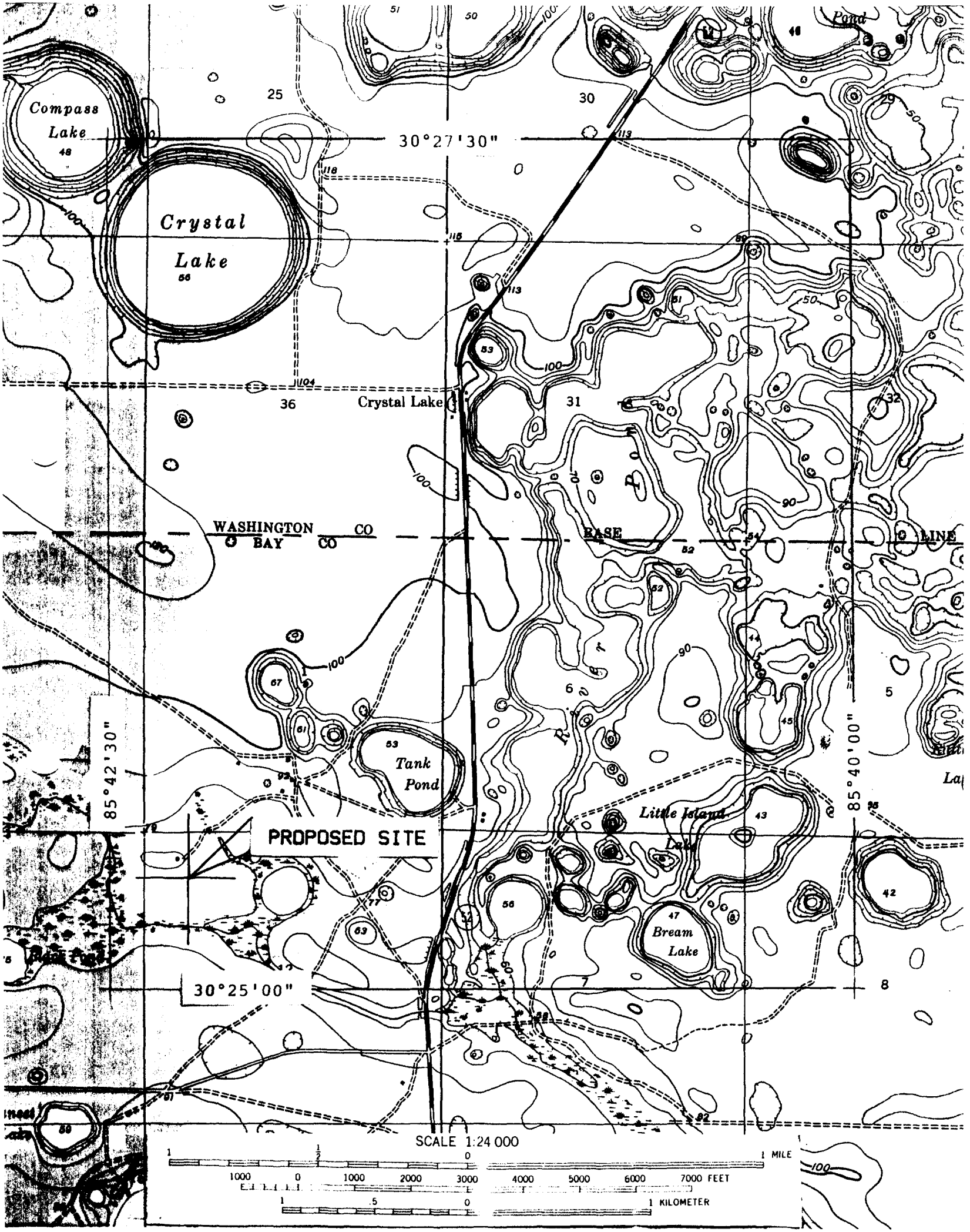
****** TV CHANNEL SPACING STUDY ******

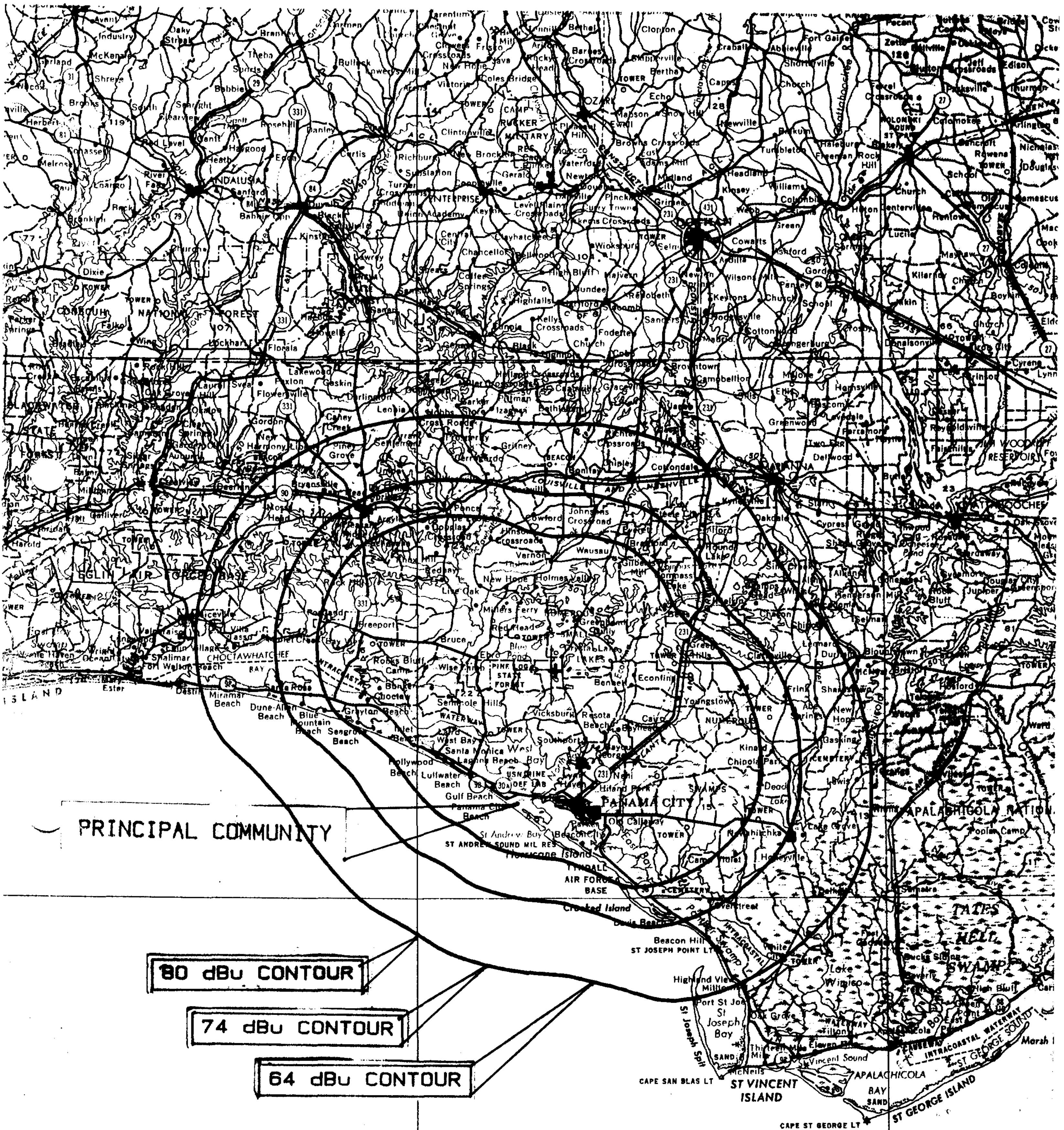
Job title: Dothan, AL
Channel: 39
Database file name: d:\fccdata\tv910325.edx

Latitude: 31 13 27
Longitude: 85 23 35

CH	Call	Record No.	City	ST	Z	STS	Bear.	Dist.	Reqd. Dist.	Result
39-	ALLOTM	2471	CRYSTAL RIVER	FL	3		133.1	373.5	329.0	
24o	ALLOTM	2948	TALLAHASSEE	FL	3		135.0	144.6	119.9	24.7
40+	WTWCTV	2950	TALLAHASSEE	FL	3	L	122.4	131.3	87.7	
40+	WTWCTV	2951	TALLAHASSEE	FL	3	C	122.4	131.3	87.7	
5o	WACSTV	2963	DAWSON	GA	3	L	44.8	112.2	95.7	16.5
4+	WXTX	2977	COLUMBUS	GA	2	L	19.3	145.9	119.9	26.0
46o	ALLOTM	3150	PANAMA CITY BEACH	FL	3		198.8	122.5	95.7	26.8
34-	WDAU	3156	OZARK	AL	3	C	265.3	21.1	31.4	-10.3
39+	ALLOTM	3157	DOTHAN	AL	3		.0	.0	329.0	-329.0
43+	WGIQ	3158	LOUISVILLE	AL	3	L	356.0	54.9	31.4	23.5
43+	WGIQ	3159	LOUISVILLE	AL	3	A	356.0	54.9	31.4	23.5
39-	ALLOTM	3498	TUSCALOOSA	AL	2		317.7	300.5	280.8	19.7

****** End of channel 39 study ******


Compass Lake
Crystal Lake
Crystal Lake
30°27'30"
25
30
36
31
32
WASHINGTON CO
BAY CO
BASE LINE
Tank Pond
PROPOSED SITE
Little Island Lake
Bream Lake
85°42'30"
85°40'00"
30°25'00"
SCALE 1:24 000
1 MILE
7000 FEET
1 KILOMETER



SCALE (ÉCHELLE) 1:1,000,000

Kilometers 10 5 0 10 20 30 40 50 60 70 80 90 100 110 Kilomètres

1 Millimeter = 1 Kilometer   1 Millimètre = 1 Kilomètre

Statute Miles 10 5 0 10 20 30 40 50 60 70 Milles terrestres

1 inch = 15.78 Statute miles   1 pouce = 15.78 Milles terrestres

EXHIBIT VII

DISTANCES TO CONTOURS (Kilometers):

Frequency: 665.0000 MHz

F(50,50) Curves Number of Contours: 3

AZ (degs)	HAAT (m)	ERP (dBk)	CONTOUR LEVELS (dBu): 80.0	74.0	64.0	
.0	266	18.88	27.4	35.9	50.3	
45.0	275	19.50	28.6	37.2	51.7	
90.0	279	25.14	36.9	45.6	60.3	
135.0	282	33.77	49.6	58.4	74.8	
180.0	287	25.82	38.2	47.0	61.8	
225.0	283	25.60	37.7	46.5	61.2	
270.0	275	33.14	48.4	57.0	73.1	
315.0	272	29.19	42.3	51.0	66.1	
198.0	289	25.60	38.0	46.8	61.6	: Radial of Community of License

Press the ENTER key to return to the main menu:

EXHIBIT VII

10° Increments

DISTANCES TO CONTOURS (Kilometers):

Frequency: 665.0000 MHz

F(50,50) Curves Number of Contours: 3

AZ (degs)	HAAT (m)	ERP (dBk)	CONTOUR LEVELS (dBu): 80.0	74.0	64.0
.0	266	18.88	27.4	35.9	50.3
10.0	268	19.35	28.1	36.6	51.1
20.0	263	19.80	28.6	37.0	51.4
30.0	266	20.20	29.3	37.7	52.1
40.0	269	19.80	28.8	37.3	51.8
50.0	276	19.35	28.5	37.0	51.5
60.0	271	18.88	27.6	36.1	50.6
70.0	268	19.80	28.8	37.3	51.7
80.0	273	22.40	32.9	41.2	55.8
90.0	279	25.14	36.9	45.6	60.3
100.0	277	27.93	40.8	49.6	64.4
110.0	276	30.55	44.5	53.2	68.7
120.0	280	32.76	48.1	56.8	72.9
130.0	284	33.60	49.5	58.3	74.7
140.0	282	33.69	49.5	58.2	74.6
150.0	282	33.14	48.7	57.4	73.7
160.0	283	31.73	46.7	55.4	71.3
170.0	285	27.93	41.2	50.0	65.0
180.0	287	25.82	38.2	47.0	61.8
190.0	289	25.60	38.0	46.8	61.6
200.0	289	25.60	38.0	46.8	61.6
0.0	288	24.90	37.0	45.7	60.5
220.0	285	25.60	37.8	46.6	61.3
230.0	282	25.60	37.6	46.4	61.1
240.0	278	25.82	37.8	46.5	61.2
250.0	273	27.93	40.6	49.4	64.2
260.0	275	31.73	46.2	54.9	70.6
270.0	275	33.14	48.4	57.0	73.1
280.0	275	33.69	49.2	57.9	74.1
290.0	276	33.60	49.0	57.7	74.0
300.0	273	32.76	47.7	56.3	72.2
310.0	272	30.55	44.3	53.0	68.4
320.0	271	27.93	40.5	49.2	64.0
330.0	266	25.14	36.3	44.8	59.4
340.0	263	22.40	32.5	40.7	55.2
350.0	265	19.80	28.7	37.1	51.5

Attachment A

DOCUMENT OFF-LINE

This page has been substituted for one of the following:

- An oversize page or document (such as a map) which was too large to be scanned into the RIPS system.

- Microfilm, microform, certain photographs or videotape.

- Other materials which, for one reason or another, could not be scanned into the RIPS system.

The actual document, page(s) or materials may be reviewed by contacting a Dockets Clerk. Please note the applicable docket or rulemaking number, document type and any other relevant information about the document in order to ensure speedy retrieval by the Dockets Clerk.

MAP: SunKissed Broadcasting, Inc.